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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Rosalie A. Centeno
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In the Application of Helmut Jahn et al

Ser.No.: 10/530,940

Filed: April 8, 2005

For: APPARATUS FOR PROTECTING OBJECTS AGAINST
AMMUNITION IN THE FORM OF GUIDED MISSILES

Customer Number: 30996

Commissioner of Patents
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR § 1.56, Applicant wishes to call the attention of the Examiner to the following references:

- 1) DE 23 36 040
- 2) DE 34 10 467
- 3) GB 2 284 653
- 4) GB 2 374 134
- 5) FR 2 611 259
- 6) US 4,233,882
- 7) US 5,661,254
- 8) JP 05223499
- 9) US 6,717,543 (Corresponds to DE 100 24 320)

10) DE 100 50 479

11) DE 299 22 470

12) WO 00/02000

References 1 - 7 have been cited in the International Search Report and are submitted in order to provide the Examiner with easy access to said references.

References 8 - 9 are in the English language and therefore need no further discussion as to their relevance. In accordance with United States Patent and Trademark practice, it is no longer necessary to enclose copies of U.S. Patents.

Reference 10, discloses a system used for protecting objects, especially combat tanks, comprises an all-round monitoring device for identifying and localizing threatening flying bodies and a launching device (14) for defense missiles which is directed toward an identified threatening body by the all-round monitoring device. An image-producing infra-red sensor (30) is attached to the launching device. The data produced on identification of the threatening body is used to correct the fire control computer and control fine locating devices finely adjusting the direction of the launching device. The infra-red sensor contains a non-cooled bolometer array detector and is covered before the launching device is triggered

Reference 11 discloses that a system accommodation is provided by metal sheet-clad, tubular framework. The weapons system is located on top. Storage space for further system equipment including electronic components is accessible externally, through hinged flaps. Weapons system and further components are connected to operating equipment arranged outside the system module.

Reference 12 discloses an invention that concerns a passive fail-safe device for a

mobile craft such as a helicopter, comprising at least a decoy dispenser (LL, LL') mounted adjustable on said craft, automatically controlled by a detector of hostile element (D) and a navigation unit (CN). The invention is characterized in that it comprises means for setting up a dynamic decoy library based on data supplied by said detector and by said unit, so as to define decoy sequences wherein the orientation and timing for launching said decoys are optimized.

Copies of the listed documents, with the exception of any US Patent references, are submitted herewith along with the form PTO-1449.

It is respectfully requested that any fees required and not enclosed herewith or any shortages in any fees be charged to Deposit Account 02-1653.

Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,



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RWB/rac
Enclosures

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known	
CUSTOMER NUMBER: 30996		Application Number	10/530,940
		Filing Date	April 8, 2005
		First Named Inventor	Helmut Jahn
		Group Art Unit	
		Examiner Name	
		Attorney Docket No.	03-12-56

U. S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Patent Number Pub. Number	Issue Date Pub. Date	Patentee	Class	Subclass	Filing Date
	6	4,233,882	11/18/1980	Eichweber			10/20/1978
	7	5,661,254	8/26/1997	Steur et al			1/21/1997
	9	6,717,543	6/26/2003	Pappert et al			5/16/2001

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	1	DE 23 36 040	20 Jan 1977	Germany			X
	2	DE 34 10 67	26 Sep 1985	Germany			X
	3	GB 2 284 653	14 Jun 1995	Great Britain			X
	4	GB 2 374 134	09 Oct 2002	Great Britain			X
	5	FR 2 611 259	26 Aug 1988	France			X
	8	JP 05223499	31 Aug 1993	Japan			X
	10	DE 100 50 479	18 Apr 2002	Germany			X
	11	DE 299 22 470	07 Jun 2001	Germany			X
	12	WO 00/02000	13 Jan 2000	WIPO			X

OTHER PRIOR ART B NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	

Examiner		Date	
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8/17/2005